

# TRANSPORT FOR NSW (TfNSW)

## CONTRACT DOCUMENT C17

### TENDER FORM MAJOR ROADWORKS AND BRIDGEWORKS

#### REVISION REGISTER

<b>Ed/Rev Number</b>	<b>Clause Number</b>	<b>Description of Revision</b>	<b>Authorised By</b>	<b>Date</b>
Ed 1/Rev 0		New document, incorporating RTA C18	GM, RNIC	28.01.04
Ed 2/Rev 0		Schedule of Rates: G4 retitled "Principal's Accommodation" Quantity "1" deleted from lump sum items New issues of R11 and R23 Pay Item R142P1 deleted Schedule of Prices: Total (excluding GST) added	GM, RNIC	27.02.04
Ed 2/Rev 1	Schedule of Rates and Schedule of Prices Forms  Schedule of Rates Form	Instructions altered to clarify GST requirement Minor editorial changes  Title of Specification G4 changed	GM, RNIC	03.06.04
Ed 2/Rev 2	4  Schedule of Rates Form	Amended to refer to Code of Practice for Procurement  Pay Item G2P1 (provisional sum) added	GM, RNIC	09.07.04
Ed 2/Rev 3	4, 5, 6 and 7  Schedule to Tender Form  Schedule of Rates Form  Schedule of Rates Form	References to month and year deleted Amendment to the Note  Pay Item G4 – additional Pay Items added  Pay Item R141 – Pay Items for Solvent Based Paint deleted, remaining Pay Items renumbered	GM, RNIC	22.02.06
Ed 2/Rev 4	Schedule of Rates Form  Schedule of Rates Form  Schedule of Rates Form  Schedule of Rates Form	Pay Item G4 – Description for Pay Items P1, P2 and P3 changed  R38 revision no. changed  Pay Item R44 – Pay Item P1 converted to "heading", additional sub Pay Items P1.1 and P1.2 inserted  Pay Items R271 P1 to P8 added	GM, RNIC	02.08.06

<b>Ed/Rev Number</b>	<b>Clause Number</b>	<b>Description of Revision</b>	<b>Authorised By</b>	<b>Date</b>
Ed 2/Rev 5		Pay Item R178P2 – “and Testing” added Pay Item R178P18 – Pay Item further subdivided into P18.1 and P18.2	GM, IC	31.07.07
Ed 2/Rev 6		“Including GST” added to the amounts in Tender Form and Tender Summary	GM, IC (P Bamford)	09.12.08
Ed 2/Rev 7	Schedule of Rates Form	Pay Items for new specifications R90, R153, R154, R158, R179 added	GM, IC	13.01.09
Ed 2/Rev 8	“Notice”  Schedule of Rates Form	RTA PO Box and Fax numbers updated  Edition and Revision numbers of specifications updated  Title of Specification R101 changed  Pay Items for Specifications R56 and R101 updated  Pay Items for new specifications R40 and R64 added  Pay Items R109P2, R116P3, R116P4, R116P7 and R116P8, Unit – option for use of “t” as unit of measurement added  Pay Items R153P3 and R158P3, Amount – “<enter amount>” added  Pay Item R178P19, Description – “(Item with provision quantity)” added  Pay Items R271P1, R271P2, R271P3, R271P5 and R271P8, Unit – “item” changed to “lump sum”	GM, IC	27.04.09
Ed 2/Rev 9	Schedule of Rates Form	Edition and Revision numbers of specifications updated  Pay Items for new specification R31 added  Titles of Specifications G35, G36, R56, R71 and R142 changed	GM, IC	10.07.09
Ed 2/Rev 10	Schedule of Rates Form	Edition and Revision numbers of specifications updated.  Pay Items for new specifications R24 and R67 added.  Pay Items for Specification R55 updated.	GM, IC (M Andrew)	23.09.09
Ed 2/Rev 11	Schedule of Rates Form	Ed/Rev numbers against specifications changed to hidden text (for internal use).  Pay Items for Specification G36 updated.	GM, IC	16.11.09
Ed 2/Rev 12	Schedule of Rates Form	Ed/Rev numbers against specifications (in hidden text) updated.  Pay Item numbers and descriptions updated arising from change in specification reference number for “Fencing” from “R161” to “R201”.	GM, IC	01.02.10

<b>Ed/Rev Number</b>	<b>Clause Number</b>	<b>Description of Revision</b>	<b>Authorised By</b>	<b>Date</b>
Ed 2/Rev 13	Schedule of Rates Form	Ed/Rev numbers against specifications (in hidden text) updated. Pay Items G2-C2P1 and R11P4 descriptions updated. Pay item for new specification R204 added.	GM, IC	19.03.10
Ed 2/Rev 14	Schedule of Rates Form	Ed/Rev numbers against specifications (in hidden text) updated. Title and Pay Items for specification G10 updated. Pay Items for specification R44 updated.	GM, IC	21.05.10
Ed 2/Rev 15	Schedule of Rates Form	Ed/Rev numbers against specifications (in hidden text) updated. Title and Pay Items for specification R58 updated. Pay Items for new specification R59 added.	GM, IC	23.07.10
Ed 2/Rev 16	Schedule of Rates Form	Ed/Rev numbers against specifications (in hidden text) updated. Pay Items for specifications R33, R37, R38 and R116 updated. Pay Items for new specification R119 added.	GM, IC	16.05.11
Ed 2/Rev 17	Schedule of Rates Form	Ed/Rev numbers against specifications (in hidden text) updated. Pay Items for specification G38 updated.	GM, IC (W Stalder)	12.08.11
Ed 2/Rev 18	Schedule of Rates Form	Ed/Rev numbers against specifications changed from hidden text to normal text and updated. Pay Items for specification R44 updated.	GM, IC (M Andrew)	18.10.11
Ed 2/Rev 19		Reference to RTA changed to RMS	GM, IC (M Andrew)	03.11.11
Ed 2/Rev 20		Ed/Rev numbers against specifications updated. Specification title and Pay Items for specification R73 updated. Pay Items for new specification R93 added.	GM, IC (M Andrew)	21.11.11
Ed 2/Rev 21		Disclaimer removed.	GM, IC (M Andrew)	01.12.11
Ed 2/Rev 22		Ed/Rev numbers against specifications updated. Pay Item for specification R49 updated. Pay Items for specification R160 added.	GM, IC (M Andrew)	09.02.12

<b>Ed/Rev Number</b>	<b>Clause Number</b>	<b>Description of Revision</b>	<b>Authorised By</b>	<b>Date</b>
Ed 2/Rev 23		Ed/Rev numbers against specifications updated. Pay Items for specification R75 updated.	GM, IC	22.03.12
Ed 2/Rev 24		Ed/Rev numbers against specifications updated. New Pay Item in specification G2-C2 added.	GM, IC	19.07.12
Ed 2/Rev 25		Pay Items for new specification R155 added.	GM, IC	03.08.12
Ed 2/Rev 26		Ed/Rev numbers against specifications updated. Pay Items for specification R151 updated.	GM, IC (B Chellingworth)	04.01.13
Ed 2/Rev 27		Ed/Rev numbers against specifications updated. Pay Items for new specification R117 added. Pay Items for specifications G35 and R146 (withdrawn) deleted.	GM, IC	05.07.13
Ed 2/Rev 28		Ed/Rev numbers against specifications updated. Pay Items for new specification R118 added.	GM, IC	30.07.13
Ed 2/Rev 29		Ed/Rev numbers against specifications updated. Pay Items for new specification G7 added.	GM, CPS	26.09.13
Ed 2/Rev 30		Ed/Rev numbers against specifications updated. Pay Items for specification R83 updated. Pay Items for specification R84 (withdrawn) deleted.	GM, CPS	02.12.13
Ed 2/Rev 31		Ed/Rev numbers against specifications updated. Pay Items for specification G36 updated. Pay Items for specification G38 updated. Pay Items for specification G39 (withdrawn) deleted.	GM, CPS (Brian Bestwick)	08.04.14
Ed 2/ Rev 32		Delete reference to Industrial Relations Management and add reference to Implementation Guidelines to code of Practice for Procurement.	GM, CPS	31.07.14

<b>Ed/Rev Number</b>	<b>Clause Number</b>	<b>Description of Revision</b>	<b>Authorised By</b>	<b>Date</b>
Ed 2/Rev 33		Ed/Rev numbers against specifications updated. Pay Items for specification G38 updated. Pay Items for specification R160 (withdrawn and replaced by TS107) deleted. Pay Items for new specifications R272, TS020, TS104, TS105, TS106 and TS107 added.	GM, CPS	26.08.14
Ed 2/Rev 34		Ed/Rev numbers against specifications updated. Pay Items for specifications R58 and R59 updated.	MCQ	07.11.14
Ed 2/Rev 35		Ed/Rev numbers against specifications updated. Pay Items for specification R11 updated.	MCQ	09.12.14
Ed 2/Rev 36		Specification G2-C2 - Ed/Rev numbers and Pay Items updated.	MCQ	04.02.15
Ed 2/Rev 37		Ed/Rev numbers against specifications updated. Pay Items for specification R179 updated.	MCQ	11.03.15
Ed 2/Rev 38		Ed/Rev numbers against and Pay Items for specifications R44 and R143 updated.	MCQ	24.03.15
Ed 2/Rev 39		Ed/Rev numbers against specifications updated. Pay Items for specification G2-C2 updated.	MCQ	06.05.15
Ed 2/Rev 40		Ed/Rev numbers against specifications updated. Pay Items for specification G10 updated.	MCQ	09.06.15
Ed 2/Rev 41		Ed/Rev numbers against specifications updated. Pay Items for specification G4 updated.	MCQ	25.08.15
Ed 2/Rev 42	6	Amended to incorporate new policy requirements on Aboriginal Participation in Construction.	GM, CPS B Bestwick	22.09.15
Ed 2/Rev 43		Ed/Rev numbers against specifications updated. Pay Items for specification R271 updated.	MCQ	26.11.15
Ed 2/Rev 44		Ed/Rev numbers against specifications updated. Pay Item for specification R68 added.	MCQ	27.01.16
Ed 2/Rev 45		Ed/Rev numbers against specifications updated. Pay Items for specification G5 added.	MCQ	10.06.16

<b>Ed/Rev Number</b>	<b>Clause Number</b>	<b>Description of Revision</b>	<b>Authorised By</b>	<b>Date</b>
Ed 2/Rev 46	5  6	Amended to reflect the NSW Government Procurement Guide <i>Skills and Training in the Construction Industry</i>  Amended to reflect mandatory implementation of the NSW Government <i>Policy on Aboriginal Participation in Construction</i>	GM, CB	20.06.16
Ed 2/Rev 47		Ed/Rev numbers against specifications updated. Pay Items for specification R81 added.	MCQ	12.09.16
Ed 2/Rev 48		Ed/Rev numbers against specifications updated. Pay Items for specification R50 updated.	MCQ	11.11.16
Ed 2/Rev 49		Ed/Rev numbers against specifications updated. Pay Items for specifications R163, R164 and R165 added.	MCQ	17.02.17
Ed 2/Rev 50		Pay Items for specifications R223 and R225 added.	MCQ	25.05.17
Ed 2/Rev 51		Ed/Rev numbers against specifications updated. Pay Items for specification R145 added.	MCQ	15.03.18
Ed 2/Rev 52		Ed/Rev numbers against specifications updated. Pay Items for specification R76 added.	MCQ	03.07.18
Ed 2/Rev 53		Pay Items for specification R201 updated.	MCQ	04.07.18
Ed 2/Rev 54		Pay Items for specification G36 updated. Pay Items for specification G71 added.	MCQ	27.02.19
Ed 2/Rev 55		Ed/Rev numbers against specifications updated. Pay Items for specification R38 updated.	MCQ	01.07.19
Ed 2/Rev 56		Ed/Rev numbers against specifications updated. Specification reference number for “General Concrete Paving” changed from “R173” to “R54”. Pay Items for specification R54 updated.	MCQ	23.08.19
Ed 2/Rev 57		Ed/Rev numbers against specifications updated. Pay Items for new specification TS101 added.	MCQ	15.10.19
Ed 2/Rev 58		Reference to TfNSW instead of RMS.	Director Commercial Services	01.12.19

<b>Ed/Rev Number</b>	<b>Clause Number</b>	<b>Description of Revision</b>	<b>Authorised By</b>	<b>Date</b>
Ed 2/Rev 59		Ed/Rev numbers against specifications updated. Pay Items for specification G5 updated. Pay Items for new specification R126 added.	MCQ	16.03.20
Ed 2/Rev 60		Ed/Rev numbers against specifications updated. Pay Items for specifications R22 and R141 (withdrawn) deleted. Pay Items for specification R145 updated.	MCQ	06.07.20
Ed 2/Rev 61		Ed/Rev numbers against specifications updated. Pay Items for specification R116 updated.	MCQ	31.07.20
Ed 2/Rev 62		Ed/Rev numbers against specifications updated. Pay Items for specification R15 updated.	MCQ	26.08.20
Ed 2/Rev 63		Ed/Rev numbers against specifications updated. Pay Items for specification R81 updated.	MCQ	19.10.20
Ed 2/ Rev 64		Amended to reflect the NSW Government Procurement Board Direction - <i>skills and training and diversity in Construction, Aboriginal Procurement Policy And Indigenous Employment and Supplier-Use Infrastructure Framework</i>	Executive Director Commercial Services	21.05.21







# TENDER FORM

## MAJOR ROADWORKS AND BRIDGEWORKS

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IC-QA-C17

VERSION FOR: DATE:
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# Tender Form

**Contract Name:**

**Contract no:**

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**To:** Transport for NSW (TfNSW)

## **1 TENDERER'S OFFER**

The Tenderer offers to perform the proposed contract according to the Tender Documents for the Tender Price.

## **2 GST**

The Tenderer acknowledges that:

- the individual rates and lump sums are exclusive of GST;
- total GST has been included where indicated;
- the Tender Price is inclusive of GST.

## **3 ACKNOWLEDGMENT OF ADDENDA**

The Tenderer acknowledges that it has received the addenda listed in the schedule to this document and that it has taken them into account in preparing this tender offer.

## **4 COMPLIANCE WITH CODES OF PRACTICE FOR PROCUREMENT**

The Tenderer agrees to comply with the NSW Government *Supplier Code of Conduct* and the New South Wales Industrial Relations Guidelines: Building and Construction Procurement.

## **5 SKILLS, TRAINING AND DIVERSITY**

The Tenderer agrees to comply with the NSW Government Procurement Board Direction *Skills, training and diversity in construction* and will provide where required by the Contract:

- on request, a completed Schedule of Skills Training and Diversity; and
- if successful and where required by the Contract, a report at the times specified in the Contract on commitments for engaging apprentices and trainees for the Contract work, 'learning workers' (defined as trainees and workers who need to update their qualifications to meet the needs of the infrastructure project), the number of women in trade-related work, the percentage of the total project workforce aged less than 25 years, and the employment and training outcomes for people from the local region.
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## 6 ABORIGINAL PARTICIPATION

The Tenderer agrees to comply with the NSW Government *Aboriginal Procurement Policy* (2021) and will provide:

- on request:
  - a completed Schedule of Aboriginal Participation Information;
  - a Tender Aboriginal Participation Plan, which must comply with the policy;
  - evidence of its ability to meet the obligations under the policy on the Contract;
  - details of its Aboriginal participation in construction performance outcomes on other projects; and
  - proposed exclusions for determining the APP Contract Value; and
- if successful and where required by the Contract, a project Aboriginal Participation Plan and the Aboriginal Participation Reports, at times specified in the Contract.

In addition for Federal funded projects subject to certain thresholds, the Tenderer agrees to comply with and implement the approved Indigenous Participation Plan set out in the Contract or otherwise provided by TfNSW. An IPP is a requirement of the *Indigenous Employment and Supplier-Use Infrastructure Framework*.

## 7 SHARING OF INFORMATION BETWEEN GOVERNMENT AGENCIES

The Tenderer authorises TfNSW to make information about the Tenderer's performance, claims record (both past, present and future) and financial affairs available to other NSW Government agencies, Local Government authorities and members of Austroads Incorporated.

The Tenderer releases TfNSW and all other agents of the Crown in right of New South Wales from claims and actions which the Tenderer or a person claiming on the Tenderer's behalf may otherwise be entitled to make in connection with the sharing of information.

## 8 ACKNOWLEDGMENT ABOUT INFORMATION PROVIDED

The Tenderer acknowledges that information provided to it by TfNSW before the date of this offer and which does not form part of the Tender Documents was provided only for the convenience of Tenderers and will not form part of any contract awarded by TfNSW.

## 9 COLLUSIVE ARRANGEMENTS

### 9.1 Tenderer's Warranties

The Tenderer warrants that:

- it is not aware of any other Tenderer's tender price;
- it has not directly or indirectly communicated its Tender Price to another Tenderer;
- except as disclosed in a statutory declaration lodged with the tender, it has not entered into a contract, arrangement or understanding with anyone in connection with this tender to the effect that a successful Tenderer will pay money to or confer a benefit upon an unsuccessful Tenderer or a trade or industry association (above the published standard fee);
- it has not entered into a contract, arrangement or understanding which may have or is likely to have an anti-competitive effect or an adverse effect on the probity of the tender process in connection with this tender;

- the Tender Price does not include an allowance on account of any such contract, arrangement or understanding.

## **9.2 Obligations Regarding Money or Benefits Received**

The Tenderer agrees that money or the monetary value of a benefit received by the Tenderer from another Tenderer in connection with this tender belongs in equity to TfNSW and is immediately payable to TfNSW.

## **9.3 Obligation to Notify**

The Tenderer must immediately notify TfNSW if it receives or is offered money or another benefit from another tenderer in connection with this tender.

## **10 OFFER OPEN FOR ACCEPTANCE FOR 60 DAYS**

The Tenderer's offer is firm and binding and may be accepted by TfNSW at any time within 60 days after the closing date for tenders.

## **11 CONSIDERATION FOR THIS OFFER**

The offer and warranties made in this Tender Form are made in consideration of TfNSW's promise to consider the offer in accordance with the Request for Tenders and the administrative time and expense to TfNSW in so doing.

# Schedule to Tender Form

*(This schedule may be reproduced by the Tenderer for ease of completion)*

**Tenderer's name**

.....

**ABN**

.....

**Address of Tenderer for service of notices**

*[If the address provided is a post box address, provide also a street address]*

.....

.....

.....

**Lump sum price (if Tender Price is lump sum or includes a lump sum)**

*[This item is not applicable if the tender is for a schedule of rates only contract. If the tender is for a combined lump sum/schedule of rates contract, then only include the lump sum component of the price - don't include combined total]*

..... dollars

and ..... cents (\$.....), which is the total amount shown in the Schedule of Prices **(including GST)**

*(Lump sum must always be equal the total amount shown in the Schedule of Prices)*

**Addenda received and taken into account**

*[Tenderer to insert number and date of each Addendum]*

Addendum no.

Date

**Tenderer's signature**

Signed for and on behalf of the Tenderer by its authorised signatory in the presence of:

.....  
Witness

.....  
Authorised signatory

.....  
Name (print)

.....  
Name (print)

.....  
Position title (print)

Date: .....

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# Tender Price Summary Sheet

**Contract Name:**

**Contract no:**

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**Schedule of Rates**

Total of extended amounts (including GST) \$

**Schedule of Prices**

Total lump sum amount (including GST) \$

**Total (Tender Price including GST):** \$

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**Name of Tenderer:** .....

**Tenderer's initials:** .....

# Schedule of Rates

**Contract Name:**

**Contract no:**

The quantities shown in this Schedule of Rates are estimated quantities only and are not to be taken as actual or correct quantities of work to be carried out or paid for under the various items of work. All items must be extended to show total amounts.

Rates for individual pay items must exclude GST. GST must be added after the extended pay items are totalled.

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
<b>G1 – JOB SPECIFIC REQUIREMENTS</b>		<b>Ed 2/Rev 1</b>			
G1P1	<Item Description>	-	lump sum	-	
<b>G1 Sub-total:</b>					
<b>G2-C2 – GENERAL REQUIREMENTS (MAJOR CONTRACTS)</b>		<b>Ed 5/Rev 22</b>			
G2-C2P1	Primary Testing.Subcontract (Provisional Sum) (if designated in Annexure G2/A)	-	provisional sum	-	<enter amount>
G2-C2P2	WAE Drawings	-	lump sum	-	<enter amount>
G2-C2P3	Wet Weather Delay Costs	Rate only	day	<enter rate>	-
<b>G2-C2 Sub-total:</b>					
<b>G4 – PRINCIPAL'S PROJECT ACCOMMODATION</b>		<b>Ed 2/Rev 2</b>			
G4P1	Establishment of Principal's Project Accommodation	-	lump sum	-	
G4P2	Maintenance of Principal's Project Accommodation until Completion		week		
G4P3	Maintenance of Principal's Project Accommodation after Completion (Item with provisional quantity)		week		
G4P4	Removal of Principal's Project Accommodation	-	lump sum	-	
G4P5	Provision of Optical Fibre Connection	-	provisional sum	-	<enter amount>
<b>G4 Sub-total:</b>					
<b>G5 – WORKING IN RAILCORP PROPERTY</b>		<b>Ed 2/Rev 1</b>			
G5P1	Corridor Access Application	-	lump sum	-	
G5P2	Monitoring	-	lump sum	-	

Name of Tenderer: .....



Pay Item	Description of Work	Quantity	Unit	Rate	Amount
G5P3	Track Safety Protection Officers	-	lump sum	-	
G5P4	Environmental Report	-	-	-	-
G5P4.1	Baseline Environmental Report	-	lump sum	-	
G5P4.2	Final Contamination Assessment Report	-	lump sum	-	
G5P5	Condition report	-	lump sum	-	
G5P6	Removal of Redundant Infrastructure		lump sum		
<b>G5 Sub-total:</b>					
<b>G7 – UTILITY ADJUSTMENT</b>		<b>Ed 1/Rev 7</b>			
G7P1	Coordination and Management of Utility Adjustment work	-	lump sum	-	
G7P2	Excavation and Backfill of Trench		m <sup>3</sup>		
G7P3	Inadequate Foundation Material Under Conduits and Pit Bases (Item with provisional quantity)		m <sup>3</sup>		
G7P4	Extra Over for Sand Cement Backfill for Trenches (Item with provisional quantity)		m <sup>3</sup>	-	-
G7P5	Electricity Mains	-	-	-	-
G7P5.1	<Item Description>				
G7P6	Street Lighting (non-TfNSW)	-	-	-	-
G7P6.1	<Item Description>				
G7P7	Engagement of Water Servicing Coordinator	-	lump sum	-	
G7P8	Water Mains	-	-	-	
G7P8.1	<Item Description>		lump sum		
G7P9	Sewer Mains				
G7P9.1	<Item Description>		lump sum		
G7P10	Telecommunications	-	provisional sum	-	<enter amount>
G7P11	Gas		provisional sum		<enter amount>
G7P12	Traffic Signals	-	-		
G7P12.1	<Item Description>	-	lump sum	-	
G7P13	Privately Owned Services	-	-	-	-
G7P13.1	<Item Description>	-	lump sum	-	
<b>G7 Sub-total:</b>					
<b>G10 – TRAFFIC MANAGEMENT</b>		<b>Ed 7/Rev 5</b>			
G10P1	Traffic Management	-	lump sum	-	
G10P2	Maintenance of Traffic Control Measures	-	lump sum	-	
G10P3	Routine Maintenance of Existing Roadways	-	lump sum	-	

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
G10P4	Routine Maintenance of New Roadways Opened to Traffic	-	lump sum	-	
<b>G10 Sub-total:</b>					
<b>G36 – ENVIRONMENTAL PROTECTION</b>		<b>Ed 4/Rev 8</b>			
G36P1	Building Condition Inspections	-	-	-	-
G36P1.1	Residential		each		
G36P1.2	Commercial		each		
G36P1.3	Heritage		each		
G36P2	Site Environmental Monitoring	-	-	-	-
G36P2.1	Air Quality	-	lump sum	-	
G36P2.2	Noise	-	lump sum	-	
G36P2.3	Ground Vibration	-	lump sum	-	
G36P3	Land condition assessments reports for Principal nominated area(s) used for Contractor's facilities				
G36P3.1	Pre-construction land condition assessment reports		lump sum		
G36P3.2	Post-construction land condition assessment reports		lump sum		
<b>G36 Sub-total:</b>					
<b>G38 – SOIL AND WATER MANAGEMENT</b>		<b>Ed 2/Rev 4</b>			
G38P1	Soil and Water Management Control Measures	-	-	-	-
G38P1.1	Establishment of Soil and Water Management Control Measures	-	lump sum		
G38P1.2	Maintenance of Soil and Water Management Control Measures		week		
G38P2	Site Water Quality Monitoring	-	lump sum	-	
G38P3	Operational Basins		each		
<b>G38 Sub-total:</b>					
<b>G40 – CLEARING AND GRUBBING</b>		<b>Ed 1/Rev 2</b>			
G40P1	Clearing and Grubbing	-	lump sum	-	
G40P2	Production and Stockpiling of Mulch		m <sup>3</sup>		
<b>G40 Sub-total:</b>					
<b>G71 – CONSTRUCTION SURVEYS</b>		<b>Ed 2/Rev 4</b>			
G71P1	Provision of Deposited Plan of Survey Information Only (DPOSIO)		lump sum	-	
G71P2	Survey of New Subsurface Utilities		lump sum		
G71P3	Provision of Work-As-Executed Survey Model		lump sum		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
<b>G71 Sub-total:</b>					
<b>R11 – STORMWATER DRAINAGE</b>		<b>Ed 5/Rev 7</b>			
R11P1	Open Drains	-	-	-	-
R11P1.1	Excavation for Open Drains		m <sup>3</sup>		
R11P1.2	Embankment for Open Drains		m <sup>3</sup>		
R11P2	Excavation for Stormwater Drainage Structures	-	-	-	-
R11P2.1	Excavation for Pipe Culverts		m <sup>3</sup>		
R11P2.2	Excavation for Box Culverts		m <sup>3</sup>		
R11P2.3	Excavation for Other Drainage Structures		m <sup>3</sup>		
R11P3	Inadequate Foundation Material under Drainage Structures and Open Drains (Item with provisional quantity)		m <sup>3</sup>		
R11P4	Concrete Lining of Open Drains		m <sup>2</sup>		
R11P5	Precast Concrete and Fibre-reinforced Concrete Pipes	-	-	-	-
R11P5.1	Diameter – Class – Joint		m		
R11P6	Precast Concrete Box Culvert Structures (Excluding Inlet and Outlet Structures)	-	-	-	-
R11P6.1	No of Cells / Span (mm) x Height (mm) x Length (m)		each		
R11P7	Drainage Structures Other Than Pipes and Box Culverts	-	-	-	-
R11P7.1	<Type Description>		each		
<b>R11 Sub-total:</b>					
<b>R15 – KERBS AND GUTTERS</b>		<b>Ed 5/Rev 0</b>			
R15P1	Kerbs and Gutters	-	-	-	-
R15P1.1	<Type Description>		m		
R15P2	Profile Transition		m		
R15P3	Vehicular Crossings	-	-	-	-
R15P3.1	Residential Vehicular Crossing		each		
R15P3.2	Commercial Vehicular Crossing		each		
R15P4	Kerbs Ramps		each		
R15P5	Modular Drainage Products Type Drains	-	-	-	-
R15P5.1	<Type Description>		m		
R15P6	No Fines Concrete Pad (Beneath Kerb and Channel)	-	-	-	-
R15P6.1	No Fines Concrete		m <sup>3</sup>		
R15P6.2	Geotextile		m <sup>2</sup>		
R15P7	Removal of Existing Elements	-	-	-	-

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R15P7.1	Kerbs and Channels		m		
R15P7.2	Profile Transitions		m		
R15P7.3	Vehicular Crossings		each		
R15P7.4	Kerb Ramps		each		
<b>R15 Sub-total:</b>					
<b>R23 – PLASTIC FLEXIBLE PIPES</b>		Ed 4/Rev 5			
R23P1	Excavation for Plastic Flexible Pipes		m <sup>3</sup>		
R23P2	Unsuitable Material (Item with provisional quantity)		m <sup>3</sup>		
R23P3	Plastic Flexible Pipes	-	-	-	-
R23P3.1	Diameter – Class – Joint		m		
<b>R23 Sub-total:</b>					
<b>R24 – PRECAST CONCRETE ARCHES</b>		Ed 1/Rev 1			
R24P1	Supply of Precast Concrete Arch Components	-	lump sum	-	
R24P2	Excavation and Foundation Preparation	-	lump sum	-	
R24P3	Concrete Foundation Members		lump sum		
R24P4	Erection of Precast Concrete Arch Structure	-	lump sum	-	
R24P5	Reinforced Soil Walls	-	lump sum	-	
R24P6	Subsoil Drainage	-	lump sum	-	
R24P7	Earthworks in Backfill Zones	-	lump sum	-	
R24P8	Bridge Nameplates	-	lump sum	-	
<b>R24 Sub-total:</b>					
<b>R31 – VERTICAL WICK DRAINS</b>		Ed 1/Rev 1			
R31P1	Vertical Wick Drains		m		
R31P2	Drainage Blanket for Wick Drains Working Platform		m <sup>3</sup>		
<b>R31 Sub-total:</b>					
<b>R33 – TRENCH DRAINS</b>		Ed 4/Rev 5			
R33P1	Excavation		m <sup>3</sup>		
R33P2	Drainage Pipe	-	-	-	-
R33P2.1	100 mm dia Corrugated Perforated Plastic Drainage Pipe		m		
R33P2.2	100 mm dia Corrugated Non-perforated Plastic Drainage Pipe		m		
R33P2.3	Perforated Rigid Strip Filter Drains		m		
R33P2.4	Non-perforated Rigid Strip Filter Drains		m		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R33P3	Filter Material	-	-	-	-
R33P3.1	Aggregate Filter Material		m <sup>3</sup>		
R33P3.2	No Fines Concrete		m <sup>3</sup>		
R33P4	Supply and Installation of Geotextile		m <sup>2</sup>		
R33P5	Selected Material Backfill				
R33P5.1	Selected Fill Material for Plug		m <sup>3</sup>		
R33P5.2	Selected Material at Batter Outlets		m <sup>3</sup>		
R33P6	Batter Outlets	-	-	-	-
R33P6.1	Steep Batter Outlet		each		
R33P6.2	Flat Batter Outlet		each		
<b>R33</b>				<b>Sub-total:</b>	
<b>R37 – INTRA-PAVEMENT DRAINS</b>			Ed 4/Rev 4		
R37P1	Excavation	-	m <sup>3</sup>	-	-
R37P2	Drainage Pipe	-	-	-	-
R37P2.1	100 mm Slotted Fibre-reinforced Concrete Pipe		m		
R37P2.2	100 mm Unslotted Fibre-reinforced Concrete Pipe		m		
R37P3	Filter Material - No Fines Concrete		m <sup>3</sup>		
R37P4	Supply and Installation of Geotextile		m <sup>2</sup>		
R37P5	Selected Material Backfill at Batter Outlets		m <sup>3</sup>		
R37P6	Batter Outlets	-	-	-	-
R37P6.1	Steep Batter Outlet		each		
R37P6.2	Flat Batter Outlet		each		
<b>R37</b>				<b>Sub-total:</b>	
<b>R38 – EDGE DRAINS</b>			Ed 4/Rev 4		
R38P1	Excavation		m <sup>3</sup>		
R38P2	Drainage Pipe	-	-	-	-
R38P2.1	65 mm dia Corrugated Perforated Plastic Drainage Pipe		m		
R38P2.2	65 mm dia Corrugated Non-perforated Plastic Drainage Pipe		m		
R38P2.3	Perforated Rigid Strip Filter Drains		m		
R38P2.4	Non-perforated Rigid Strip Filter Drains		m		
R38P3	Filter Material - No Fines Concrete		m <sup>3</sup>	-	-
R38P4	Supply and Installation of Geotextile		m <sup>2</sup>		
R38P5	Selected Material Backfill at Outlets		m <sup>3</sup>		
R38P6	Batter Outlets	-	-	-	-

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R38P6.1	Steep Batter Outlet		each		
R38P6.2	Flat Batter Outlet		each		
				<b>R38 Sub-total:</b>	
<b>R40 – HORIZONTAL DRAINS</b>		<b>Ed 1/Rev 4</b>			
R40P1	Supply and Installation of Horizontal Drains		m		
				<b>R40 Sub-total:</b>	
<b>R44 – EARTHWORKS</b>		<b>Ed 5/Rev 1</b>			
R44P1	Topsoil	-	-	-	-
R44P1.1	Removal and Stockpiling of Non-contaminated Topsoil (Stockpile Volumes)		m <sup>3</sup>		
R44P1.2	Removal and Disposal Off Site of Topsoil (Bank Volume)		m <sup>3</sup>		
R44P2	General Earthworks (Cut/Fill)		m <sup>3</sup>		
R44P3	Imported or Borrowed Material (other than Selected Material, Verge Material and Foundation Treatment Material)		m <sup>3</sup>		
R44P4	Unsuitable Material (Item with provisional quantity)		m <sup>3</sup>		
R44P5	Selected Material Zone and Verge	-	-	-	-
R44P5.1	Selected Material Zone – Site Won Material		m <sup>3</sup>		
R44P5.2	Selected Material Zone – Imported Material		m <sup>3</sup>		
R44P5.3	Verge – Site Won Material		m <sup>3</sup>		
R44P5.4	Verge – Imported Material		m <sup>3</sup>		
R44P6	Disposal Off Site of Non-contaminated Spoil (other than Topsoil)		m <sup>3</sup>		
R44P7	Foundation Treatments	-	-	-	-
R44P7.1	Treatment Type E1 – Loosen and Recompact		m <sup>2</sup>		
R44P7.2	Treatment Type C1 – Loosen and Recompact		m <sup>2</sup>		
R44P7.3	Treatment Type E2 – Bridging Layer	-	-	-	-
R44P7.3(a)	Treatment Type E2 – Bridging Layer – Site Won Material		m <sup>3</sup>		
R44P7.3(b)	Treatment Type E2 – Bridging Layer – Imported Material		m <sup>3</sup>		
R44P7.4	Treatment Type C2 – Excavation and Backfill	-	-	-	-
R44P7.4(a)	Treatment Type C2 – Backfill – Site Won Material		m <sup>3</sup>		
R44P7.4(b)	Treatment Type C2 – Backfill – Imported Material		m <sup>3</sup>		
R44P7.5	Treatment Type E4 and Type C4 – Geotextile and Geogrid	-	-	-	-

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R44P7.5(a)	Geotextile		m <sup>2</sup>		
R44P7.5(b)	Geogrid		m <sup>2</sup>		
R44P7.6	Treatment Type E5 – Drainage Layer	-	-	-	-
R44P7.6(a)	Treatment Type E5 – Drainage Layer – Site Won Material		m <sup>3</sup>		
R44P7.6(b)	Treatment Type E5 – Drainage Layer – Imported Material		m <sup>3</sup>		
R44P7.7	Treatment Type C5 – Drainage Layer	-	-	-	-
R44P7.7(a)	Treatment Type C5 – Drainage Layer – Site Won Material		m <sup>3</sup>		
R44P7.7(b)	Treatment Type C5 – Drainage Layer – Imported Material		m <sup>3</sup>		
R44P7.8	Treatment Type E6 – Earth Fill Foundation Treatment Layer		m <sup>3</sup>		
R44P8	Identification, Treatment and Disposal Off Site of Contaminated Material	-	-	-	-
R44P8.1	Identified Contaminated Material	-	-	-	-
R44P8.1(a)	<Material Type Description>		t		
R44P8.1(b)	<Material Type Description>		t		
R44P8.2	Other Contaminated Material	-	provisional sum	-	<enter amount>
<b>R44 Sub-total:</b>					
<b>R49 – CONSTRUCTION OF VERGES</b>			Ed 3/Rev 2		
R49P1	Haul and Place Verge Material from Stockpiles		m <sup>3</sup>		
<b>R49 Sub-total:</b>					
<b>R50 – STABILISATION OF EARTHWORKS</b>			Ed 4/Rev 1		
R50P1	Supply of Binder	-	-	-	-
R50P1.1	Quicklime		t		
R50P1.2	Hydrated Lime		t		
R50P1.3	Slag/Lime blend		t		
R50P1.4	Cement		t		
R50P1.5	Other Blend		t		
R50P2	Stabilisation of Earthworks by Insitu Mixing	-	-	-	-
R50P2.1	Quicklime		m <sup>3</sup>		
R50P2.2	Hydrated Lime		m <sup>3</sup>		
R50P2.3	Slag/Lime Blend		m <sup>3</sup>		
R50P2.4	Cement		m <sup>3</sup>		
R50P2.5	Other Blend		m <sup>3</sup>		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R50P3	Stabilisation of Earthworks Using Plant Mixed Material	-	-	-	-
R50P3.1	Quicklime		m <sup>3</sup>		
R50P3.2	Hydrated Lime		m <sup>3</sup>		
R50P3.3	Slag/Lime Blend		m <sup>3</sup>		
R50P3.4	Cement		m <sup>3</sup>		
R50P3.5	Other Blend		m <sup>3</sup>		
<b>R50 Sub-total:</b>					
<b>R54 – GENERAL CONCRETE PAVING</b>		<b>Ed 3/Rev 3</b>			
R54P1	Concrete Paving	-	m <sup>2</sup>	-	-
R54P2	Subbase Layer		m <sup>3</sup>		
R54P3	Tactile Indicators		m <sup>2</sup>		
<b>R54 Sub-total:</b>					
<b>R55 – ROCK FILLED GABIONS AND MATTRESSES</b>		<b>Ed 3/Rev 2</b>			
R55P1	Rock Filled Gabions		m <sup>3</sup>		
R55P2	Rock Filled Wire Mattresses		m <sup>2</sup>		
R55P3	Terramesh Panels		m <sup>2</sup>		
R55P4	Select Backfill for Terramesh Panels		m <sup>3</sup>		
R55P5	Excavation for Gabions and Mattresses	-	-	-	-
R55P5.1	Excavation for Gabions		m <sup>3</sup>		
R55P5.2	Excavation for Mattresses		m <sup>3</sup>		
<b>R55 Sub-total:</b>					
<b>R56 – GROUND ANCHORS (SCHEDULE OF RATES)</b>		<b>Ed 3/Rev 5</b>			
R56P1	Proof Anchors	-	-	-	-
	Size	-	-	-	-
R56P1.1(a)	Proof Anchors Installed		each		
R56P1.1(b)	Length of Proof Anchor		m		
R56P2	Drilling to Contract Levels		m		
R56P3	Drilling Below Contract Level (Item with provisional quantity)		m		
R56P4	Casing of Boreholes in Other Than Rock		m		
R56P5	Water Testing (Item with provisional quantity)		m		
R56P6	Supply, Assembly and Installation of Anchors	-	-	-	-
	Size	-	-	-	-
R56P6.1(a)	Anchors Installed		each		
R56P6.1(b)	Length of Anchors		m		

Name of Tenderer: .....



Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R56P7	Grouting		each		
R56P8	Supply and Installation of Anchorages		each		
R56P9	Stressing of Anchors	-	-	-	-
R56P9.1	Anchors Subject to Suitability Test		each		
R56P9.2	Anchors Subject to Acceptance Test		each		
R56P10	Anchorage Protection	-	-	-	-
R56P10.1	Non-restressable Anchors		each		
R56P10.2	Monitorable, Restressable and/or Destressable Anchors		each		
R56P11	Monitoring of Anchors		each		
R56P12	Provision of Load Cells		each		
<b>R56 Sub-total:</b>					
<b>R57 – DESIGN OF REINFORCED SOIL WALLS</b>		<b>Ed 2/Rev 11</b>			
R57P1	Design of Reinforced Soil Walls	-	lump sum	-	
<b>R57 Sub-total:</b>					
<b>R58 – CONSTRUCTION OF REINFORCED SOIL WALLS (CONTRACTOR'S DESIGN)</b>		<b>Ed 3/Rev 8</b>			
R58P1	Supply of Components		lump sum		
R58P2	Preparation of Foundation	-	lump sum	-	
R58P3	Base/Concrete Strip Footings	-	lump sum	-	
R58P4	Erection of RSW Panels	-	lump sum	-	
R58P5	Drainage Layer	-	lump sum	-	
R58P6	Capping	-	lump sum	-	
R58P7	Extra Over for Supply and Placing Reinforced Fill Material	-	lump sum	-	
R58P8	Extra Over for Supply and Placing Imported or Borrowed Material for Fill Above and Behind Reinforced Soil Block		m <sup>3</sup>		
<b>R58 Sub-total:</b>					
<b>R59 – CONSTRUCTION OF REINFORCED SOIL WALLS (PRINCIPAL'S DESIGN)</b>		<b>Ed 3/Rev 8</b>			
R59P1	Supply of Components		m <sup>2</sup>		
R59P2	Preparation of Foundation	-	lump sum	-	
R59P3	Base/Concrete Strip Footings		m		
R59P4	Erection of RSW Panels		m <sup>2</sup>		
R59P5	Drainage Layer	-	lump sum	-	
R59P6	Capping		m		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R59P7	Extra Over for Supply and Placing Reinforced Fill Material		m <sup>3</sup>		
R59P8	Extra Over for Supply and Placing Imported or Borrowed Material for Fill Above and Behind Reinforced Soil Block		m <sup>3</sup>		
<b>R59 Sub-total:</b>					
<b>R64 – SOIL NAILING</b>		<b>Ed 1/Rev 7</b>			
R64P1	Supply, Installation and Testing of Test Nails	-	-	-	-
R64P1.1	Length nominated		each		
R64P2	Supply and Installation of Permanent Nails	-	-	-	-
R64P2.1	Length nominated		each		
R64P3	Permanent Nails with Strain Gauges and Cables	-	-	-	-
R64P3.1	Supply and Installation of Permanent Nails with Strain Gauges and Cables	-	-	-	-
R64P3.1.1	Length nominated		each		
R64P3.2	Supply and Installation of PVC Pipe for Strain Gauges		m		
R64P3.3	Other Miscellaneous Works for Instrumentation	-	lump sum	-	
R64P4	Acceptance Tests of Permanent Nails		each		
R64P5	Supply and Placing of Shotcrete		m <sup>2</sup>		
R64P6	Strip Drains		m		
<b>R64 Sub-total:</b>					
<b>R67 – HIGH STRENGTH GEOSYNTHETIC REINFORCEMENT</b>		<b>Ed 1/Rev 2</b>			
R67P1	Supply and Installation of High Strength Geosynthetic Reinforcement		m <sup>2</sup>		
R67P2	Supply and Placement of Selected Material Above and Below Each Layer of Geosynthetic Reinforcements	-	-	-	-
R67P2.1	Selected Material from Cuttings Within the Limits of Works Area		m <sup>3</sup>		
R67P2.2	Selected Material Imported from Beyond the Limits of Works Area		m <sup>3</sup>		
<b>R67 Sub-total:</b>					
<b>R68 – SHOTCRETE WORK WITHOUT STEEL FIBRES</b>		<b>Ed 1/Rev 4</b>			
R68P1	Supply and Place Shotcrete		m <sup>2</sup>		
<b>R68 Sub-total:</b>					
<b>R71 – UNBOUND AND MODIFIED PAVEMENT COURSE</b>		<b>Ed 5/Rev 1</b>			
R71P1	Supply and Place Subbase		m <sup>3</sup>		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R71P2	Supply and Place Base		m <sup>3</sup>		
<b>R71 Sub-total:</b>					
<b>R73 – CONSTRUCTION OF PLANT MIXED HEAVILY BOUND PAVEMENT COURSE</b>					
<b>Ed 3/Rev 2</b>					
R73P1	Bound Pavement Course		m <sup>2</sup>		
<b>R73 Sub-total:</b>					
<b>R75 – INSITU PAVEMENT STABILISATION USING SLOW SETTING BINDERS</b>					
<b>Ed 3/Rev 1</b>					
R75P1	Insitu Stabilisation		m <sup>2</sup>		
R75P2	Supply and Spreading of Imported Material To Be Bound		t		
<b>R75 Sub-total:</b>					
<b>R76 – INSITU PAVEMENT STABILISATION USING FOAMED BITUMEN</b>					
<b>Ed 1/Rev 1</b>					
R76P1	Insitu Stabilisation Using Foamed Bitumen		m <sup>2</sup>		
R76P2	Preliminary Pulverisation of Existing Pavement		m <sup>2</sup>		
R76P3	Supply and Spreading of Imported Material To Be Bound		t		
<b>R76 Sub-total:</b>					
<b>R81 – NO FINES CONCRETE SUBBASE</b>					
<b>Ed 2/Rev 1</b>					
R81P1	Supply and Place No Fines Concrete in Subbase		m <sup>3</sup>		
R81P2	Supply and Place Dental Concrete (Item with provisional quantity)		m <sup>3</sup>		
R81P3	Supply and Place Asphalt Interlayer		m <sup>2</sup>		
<b>R81 Sub-total:</b>					
<b>R82 – LEAN-MIX CONCRETE SUBBASE</b>					
<b>Ed 4/Rev 3</b>					
R82P1	Supply and Place Concrete in Subbase		m <sup>3</sup>		
R82P2	Finish and Cure Subbase		m <sup>2</sup>		
R82P3	Surface Debonding Treatment		m <sup>2</sup>		
R82P4	Subgrade Beams		m <sup>3</sup>		
<b>R82 Sub-total:</b>					
<b>R83 – JOINTED CONCRETE BASE</b>					
<b>Ed 3/Rev 2</b>					
R83P1	Supply and Place Concrete in Base	-	-	-	-

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R83P1.1	Supply and Place Concrete in Base (other than steel fibre reinforced concrete)		m <sup>3</sup>		
R83P1.2	Supply and Place Steel Fibre Reinforced Concrete in Base		m <sup>3</sup>		
R83P2	Finish, Cure and Texture Base		m <sup>2</sup>		
R83P3	Supply and Place Wire Reinforcing Fabric		m <sup>2</sup>		
R83P4	Supply and Place Steel Bar Reinforcement		t		
R83P5	Longitudinal Joints		m		
R83P6	Expansion Joints and Isolation Joints		m		
R83P7	Transverse Contraction Joints		m		
R83P8	Terminal and Slab Anchors		m <sup>3</sup>		
<b>R83 Sub-total:</b>					
<b>R90 – ROLLER COMPACTED CONCRETE SUBBASE</b>			<b>Ed 1/Rev 1</b>		
R90P1	Supply and Delivery, Spread Compact and Finish Roller Compacted Concrete		m <sup>3</sup>		
R90P2	Emulsion Curing		m <sup>2</sup>		
R90P3	Prime or Primer Seal		m <sup>2</sup>		
<b>R90 Sub-total:</b>					
<b>R93 – DIAMOND GRINDING OF CONCRETE PAVEMENT</b>			<b>Ed 1/Rev 2</b>		
R93P1	Diamond Grinding of Concrete Pavement		m <sup>2</sup>		
R93P2	Feathering of Diamond Grinding		m <sup>2</sup>		
R93P3	Extra-over for Work in Vicinity of Objects	-	-	-	-
R93P3.1	Affected Area Up to 10 Square Metres		m <sup>2</sup>		
R93P3.2	Affected Area Over 10 and Up to 25 Square Metres		m <sup>2</sup>		
R93P3.3	Affected Area Over 25 and Up to 50 Square Metres		m <sup>2</sup>		
R93P3.4	Affected Area Over 50 Square Metres		m <sup>2</sup>		
<b>R93 Sub-total:</b>					
<b>R101 – COLD MILLING OF ROAD PAVEMENT MATERIALS</b>			<b>Ed 3/Rev 2</b>		
R101P1	Milling to Specified Depth of Cut		m <sup>2</sup>		
R101P2	Milling to Specified Level		m <sup>2</sup>		
R101P3	Milling to Retexture a Surface		m <sup>2</sup>		
R101P4	Milling to Optimise Final Ride Quality		m <sup>2</sup>		
R101P5	Milling over Concrete Structures		m <sup>2</sup>		
R101P6	Surcharge for Work in the Vicinity of Objects	-	-	-	-
R101P6.1	Affected Area Up to 10 Square Metres		m <sup>2</sup>		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R101P6.2	Affected Area Over 10 and Up to 25 Square Metres		m <sup>2</sup>		
R101P6.3	Affected Area Over 25 and Up to 50 Square Metres		m <sup>2</sup>		
R101P6.4	Affected Area Over 50 Square Metres		m <sup>2</sup>		
R101P7	Surcharge for Milling Base Concrete		m <sup>2</sup>		
R101P8	Investigation of Thickness of Concrete Over Concrete Structures	-	-	-	-
R101P8.1	Investigation Visit Undertaken		each		
R101P8.2	Cores Taken		each		
<b>R101 Sub-total:</b>					
<b>R103 – HIGH PRESSURE WATER BLASTING OF BITUMINOUS SEALS</b>					
<b>Ed 1/Rev 3</b>					
R103P1	High Pressure Waterblasting		m <sup>3</sup>		
<b>R103 Sub-total:</b>					
<b>R106 – SPRAYED BITUMINOUS SURFACING (WITH CUTBACK BITUMEN)</b>					
<b>Ed 4/Rev 2</b>					
R106P1	Supply and Spray Primer, Primerbinder (including Preparation of Surface)	-	-	-	-
R106P1.1	AMC00		litre		
R106P1.2	AMC0		litre		
R106P1.3	AMC1		litre		
R106P1.4	AMC2		litre		
R106P1.5	AMC3		litre		
R106P1.6	AMC4		litre		
R106P1.10	Field Cutback Primer/Primerbinder		litre		
R106P2	Supply and Spray Binder - Class 170 Bitumen (including Adhesion Agent where required and Preparation of Surface)		litre		
R106P3	Supply and Spray Binder - Class 320 Bitumen (including Adhesion Agent where required and Preparation of Surface)		litre		
R106P4	Supply and Spray Binder – Multigrade 600/170 Bitumen (including Adhesion Agent where required and Preparation of Surface)		litre		
R106P5	Supply, Incorporate and Spray Cutter Oil in Binder		litre		
R106P6	Supply, Incorporate and Spray Flux Oil in Binder		litre		
R106P7	Supply, Precoat, Apply and Incorporate Aggregate	-	-	-	-
R106P7.1	5 mm Aggregate (Precoated)		m <sup>3</sup>		
R106P7.2	7 mm Aggregate (Precoated)		m <sup>3</sup>		
R106P7.3	10 mm Aggregate (Precoated)		m <sup>3</sup>		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R106P7.4	14 mm Aggregate (Precoated)		m <sup>3</sup>		
R106P8	Geotextile		m <sup>2</sup>		
<b>R106 Sub-total:</b>					
<b>R107 – SPRAYED BITUMINOUS SURFACING</b>					
<b>(WITH POLYMER MODIFIED BITUMEN)</b>					
<b>Ed 3/Rev 2</b>					
R107P1	Supply and Spray Polymer Modified Bitumen (including Adhesion Agent where required and Preparation of Surface)		litre		
R107P2	Supply, Incorporate and Spray Cutter Oil in Binder		litre		
R107P3	Supply and Spray Binder - Class 170 Bitumen (including Adhesion Agent where required and Preparation of Surface)		litre		
R107P4	Supply, Precoat, Apply and Incorporate Aggregate	-	-	-	-
R107P4.1	5 mm Aggregate (Precoated)		m <sup>3</sup>		
R107P4.2	7 mm Aggregate (Precoated)		m <sup>3</sup>		
R107P4.3	10 mm Aggregate (Precoated)		m <sup>3</sup>		
R107P4.4	14 mm Aggregate (Precoated)		m <sup>3</sup>		
R107P5	Supply and Incorporate Geotextile		m <sup>2</sup>		
<b>R107 Sub-total:</b>					
<b>R109 – BITUMINOUS SLURRY SURFACING</b>					
<b>Ed 2/Rev 1</b>					
R109P1	Surface Preparation		m <sup>2</sup>		
R109P2	Supply of Slurry Surfacing Material	-	-	-	-
R109P2.1	3 mm Nominal Size		m <sup>3</sup> /t		
R109P2.2	4 mm Nominal Size		m <sup>3</sup> /t		
R109P2.3	5 mm Nominal Size		m <sup>3</sup> /t		
R109P2.4	7 mm Nominal Size		m <sup>3</sup> /t		
R109P2.5	10 mm Nominal Size		m <sup>3</sup> /t		
R109P3	Laying and Spreading of Slurry Surfacing	-	-	-	-
R109P3.1	3 mm Nominal Size		m <sup>2</sup>		
R109P3.2	4 mm Nominal Size		m <sup>2</sup>		
R109P3.3	5 mm Nominal Size		m <sup>2</sup>		
R109P3.4	7 mm Nominal Size		m <sup>2</sup>		
R109P3.5	10 mm Nominal Size		m <sup>2</sup>		
<b>R109 Sub-total:</b>					
<b>R110 – COLOURED SURFACE COATINGS FOR BUS LANES AND CYCLEWAYS</b>					
<b>Ed 2/Rev 3</b>					
R110P1	Preparation of Surface	-	-	-	-

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R110P1.1	Preparation of Surface		m <sup>2</sup>		
R110P2	Supply and apply coloured surface coating (including priming)	-	-	-	-
R110P2.1	Red		m <sup>2</sup>		
R110P2.2	Green		m <sup>2</sup>		
<b>R110 Sub-total:</b>					
<b>R111 – SPRAYED BITUMINOUS SURFACING (WITH BITUMEN EMULSION)</b>					
<b>Ed 2/Rev 1</b>					
R111P1	Supply and Spray Bitumen Emulsion (Including Preparation of Surface)	-	-	-	-
R111P1.3	Seal or Reseal		litre		
R111P1.4	Curing Membrane		litre		
R111P2	Supply, Precoat, Apply, Incorporate and Sweep Aggregate	-	-	-	-
R111P2.1	5 mm Aggregate (Precoated)		m <sup>3</sup>		
R111P2.2	7 mm Aggregate (Precoated)		m <sup>3</sup>		
R111P2.3	10 mm Aggregate (Precoated)		m <sup>3</sup>		
R111P2.4	14 mm Aggregate (Precoated)		m <sup>3</sup>		
<b>R111 Sub-total:</b>					
<b>R112 – SPRAYED BITUMINOUS SURFACING (FOR ENRICHMENT &amp; REJUVENATION)</b>					
<b>Ed 2/Rev 1</b>					
R112P1	Supply and Spray Refinery Cutback Bitumen (Including Preparation of Surface)	-	-	-	-
R112P1.1	AMC00		litre		
R112P1.2	AMC0		litre		
R112P1.3	AMC1		litre		
R112P1.4	AMC2		litre		
R112P1.5	AMC3		litre		
R112P2	Supply and Spray Binder - Class 170 Bitumen (Including Preparation of Surface)		litre		
R112P3	Supply and Spray Bitumen Emulsion (Including Preparation of Surface)		litre		
R112P4	Supply, Incorporate and Spray Cutter Oil in Binder		litre		
R112P5	Supply and Spray Rejuvenating Agent (Including Preparation of Surface)		litre		
R112P6	Supply, Apply and Incorporate Sand		m <sup>3</sup>		
<b>R112 Sub-total:</b>					
<b>R113 – SPRAYED BITUMINOUS SURFACING (WITH FIBRE REINFORCEMENT)</b>					
<b>Ed 2/Rev 1</b>					

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R113P1	Supply and Spray Emulsion Binder (Including Preparation of Surface and Incorporation of Fibre Reinforcement)		litre		
R113P2	Supply, Precoat, Apply, Incorporate and Sweep Aggregate	-	-	-	-
R113P2.1	5 mm Aggregate		m <sup>3</sup>		
R113P2.2	7 mm Aggregate		m <sup>3</sup>		
R113P2.3	10 mm Aggregate		m <sup>3</sup>		
R113P2.4	14 mm Aggregate		m <sup>3</sup>		
<b>R113 Sub-total:</b>					
<b>R116 – HEAVY DUTY DENSE GRADED ASPHALT</b>			<b>Ed 9/Rev 1</b>		
R116P1	Tackcoat		litre		
R116P2	Heavy Duty Dense Asphalt in Corrective Courses	-	-	-	-
R116P2.1	5 mm Nominal Size		t		
R116P2.2	7 mm Nominal size		t		
R116P2.3	10 mm Nominal Size		t		
R116P2.4	14 mm Nominal Size		t		
R116P2.5	20 mm Nominal Size		t		
R116P3	Heavy Duty Dense Asphalt in Intermediate Courses	-	-	-	-
R116P3.1	10 mm Nominal Size, ... mm thick		m <sup>2</sup> or t		
R116P3.2	14 mm Nominal Size, ... mm thick		m <sup>2</sup> or t		
R116P3.3	20 mm Nominal Size, ... mm thick		m <sup>2</sup> or t		
R116P3.4	28 mm Nominal Size, ... mm thick		m <sup>2</sup> or t		
R116P4	Heavy Duty Dense Asphalt in Wearing Course	-	-	-	-
R116P4.1	5 mm Nominal Size, ... mm thick		m <sup>2</sup> or t		
R116P4.2	7 mm Nominal Size, ... mm thick		m <sup>2</sup> or t		
R116P4.3	10 mm Nominal Size, ... mm thick		m <sup>2</sup> or t		
R116P4.4	14 mm Nominal Size, ... mm thick		m <sup>2</sup> or t		
R116P5	Heavy Duty Dense Asphalt Over Existing Pavement (No Levels Specified)	-	-	-	-
R116P5.1	5 mm Nominal Size		t		
R116P5.2	7 mm Nominal Size		t		
R116P5.3	10 mm Nominal Size		t		
R116P5.4	14 mm Nominal Size		t		
R116P6	Heavy Duty Dense Asphalt Over Existing Pavement (Levels Specified)	-	-	-	-
R116P6.1	5 mm Nominal Size		t		
R116P6.2	7 mm Nominal Size		t		
R116P6.3	10 mm Nominal Size		t		

Name of Tenderer: .....



Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R116P6.4	14 mm Nominal Size		t		
R116P8	Miscellaneous Items	-	-	-	-
R116P8.1	Resilient Modulus Test		each mix		
R116P8.2	Wheel Tracking Test		each mix		
<b>R116 Sub-total:</b>					
<b>R117 – LIGHT DUTY DENSE GRADED ASPHALT</b>			<b>Ed 1/Rev 5</b>		
R117P1	Supply and Application of Tackcoat (Including Preparation of Surface)		litre		
R117P2	Light Duty Dense Asphalt in Corrective Courses	-	-	-	-
R117P2.1	5 mm Nominal Size		t		
R117P2.2	7 mm Nominal Size		t		
R117P2.3	10 mm Nominal Size		t		
R117P2.4	14 mm Nominal Size		t		
R117P2.5	20 mm Nominal Size		t		
R117P3	Light Duty Dense Asphalt in Intermediate Courses	-	-	-	-
R117P3.1	10 mm Nominal Size		m <sup>2</sup> or t		
R117P3.2	14 mm Nominal Size		m <sup>2</sup> or t		
R117P3.3	20 mm Nominal Size		m <sup>2</sup> or t		
R117P4	Light Duty Dense Asphalt in Wearing Course	-	-	-	-
R117P4.1	5 mm Nominal Size		m <sup>2</sup> or t		
R117P4.2	7 mm Nominal Size		m <sup>2</sup> or t		
R117P4.3	10 mm Nominal Size		m <sup>2</sup> or t		
R117P4.4	14 mm Nominal Size		m <sup>2</sup> or t		
R117P4.5	Footpath mix		m <sup>2</sup> or t		
R117P5	Light Duty Dense Asphalt Over Existing Pavement (No Levels Specified)	-	-	-	-
R117P5.1	5 mm Nominal Size		t		
R117P5.2	7 mm Nominal Size		t		
R117P5.3	10 mm Nominal Size		t		
R117P5.4	14 mm Nominal Size		t		
R117P5.5	Footpath mix		t		
R117P6	Light Duty Dense Graded Asphalt Over Existing Pavement (Levels Specified)	-	-	-	-
R117P6.1	5 mm Nominal Size		t		
R117P6.2	7 mm Nominal Size		t		
R117P6.3	10 mm Nominal Size		t		
R117P6.4	14 mm Nominal Size		t		
R117P6.5	Footpath mix		t		
<b>R117 Sub-total:</b>					

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
<b>R118 – CRUMB RUBBER ASPHALT</b>		<b>Ed 1/Rev 4</b>			
R118P1	Supply and Application of Tackcoat (Including Preparation of Surface)		litre		
R118P4	Crumb Rubber Asphalt in Wearing Course	-	-	-	-
R118P4.1	10 mm Nominal Size		t		
R118P4.2	14 mm Nominal Size		t		
R118P5	Crumb Rubber Asphalt over Existing Pavement (No Levels Specified)	-	-	-	-
R118P5.1	10 mm Nominal Size		t		
R118P5.2	14 mm Nominal Size		t		
R118P6	Crumb Rubber Asphalt over Existing Pavement (Levels Specified)	-	-	-	-
R118P6.1	10 mm Nominal Size		t		
R118P6.2	14 mm Nominal Size		t		
R118P8	Miscellaneous Items	-	-	-	-
R118P8.1	Wheel Tracking Test		each mix		
<b>R118 Sub-total:</b>					
<b>R119 – OPEN GRADED ASPHALT</b>		<b>Ed 1/Rev 5</b>			
R119P1	Supply and Application of Tack Coat (Including Preparation of Surface)		litre		
R119P2	Open Graded Asphalt in Wearing Course	-	-	-	-
R119P2.1	10 mm Nominal Size		t		
R119P2.2	14 mm Nominal Size		t		
<b>R119 Sub-total:</b>					
<b>R121 – STONE MASTIC ASPHALT</b>		<b>Ed 3/Rev 4</b>			
R121P1	Preparation of Surface		m <sup>2</sup>		
R121P2	Supply, Deliver and Lay SMA Asphalt (Including Tackcoat)	-	-	-	-
R121P2.1	10 mm Nominal Size		t		
R121P2.2	14 mm Nominal Size		t		
<b>R121 Sub-total:</b>					
<b>R123 – THIN OPEN GRADED ASPHALT SURFACING</b>		<b>Ed 2/Rev 2</b>			
R123P1	Preparation of Surface		m <sup>2</sup>		
R123P2	Supply, Deliver and Lay TOGAS Asphalt (including tackcoat)	-	-	-	-
R123P2.1	10 mm Nominal Size		t		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
<b>R123 Sub-total:</b>					
<b>R126 – HIGH MODULUS ASPHALT (EME2)</b>		<b>Ed 1/Rev 3</b>			
R126P1	Tackcoat		litre		
R126P3	Asphalt (EME2) in Intermediate Courses		-		
R126P3.2	14 mm Nominal Size		m <sup>2</sup> or t		
R126P5	Asphalt (EME2) Over Existing Pavement (Levels Not Specified)		-		
R126P5.4	14 mm Nominal Size		t		
R126P6	Asphalt (EME2) Over existing Pavement (Levels Specified)		-		
R126P6.4	14 mm Nominal Size		t		
<b>R123 Sub-total:</b>					
<b>R131 – GUIDEPOSTS</b>		<b>Ed 4/Rev 2</b>			
R131P1	Supply and Installation of Guide Posts		each		
R131P2	Removal of Existing Guide Posts		each		
<b>R131 Sub-total:</b>					
<b>R132 – SAFETY BARRIER SYSTEMS</b>		<b>Ed 3/Rev 5</b>			
R132P1	Removal of Safety Barriers		m		
R132P2	Removal of Terminals and Transitions		each		
R132P3	Construction of Post and Rail Safety Barriers		m		
R132P4	Post Holes at 400mm Diameter (Item with provisional quantity)		each		
R132P5	Construction of Wire Rope Safety Barrier Systems		m		
R132P6	Construction of Plastic Safety Barriers		m		
R132P7	Construction of Concrete Safety Barrier Systems		m		
R132P8	Construction of Terminals		each		
R132P9	Construction of Transitions		each		
<b>R132 Sub-total:</b>					
<b>R142 – RETROREFLECTIVE RAISED PAVEMENT MARKERS</b>		<b>Ed 4/Rev 7</b>			
R142P2	Installation of Retroreflective Raised Pavement Markers		each		
R142P3	Removal of Raised Pavement Markers		each		
<b>R142 Sub-total:</b>					
<b>R143 – SIGNPOSTING</b>		<b>Ed 5/Rev 3</b>			

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R143P1	Removal, Modification and Relocation of Existing Signs	-	-	-	-
R143P1.1	Removal of Existing Signs	-	-	-	-
R143P1.1(a)	Sign No:		each		
R143P1.1(b)	Sign No:		each		
R143P1.2	Relocation (Without Modification) of Existing Signs	-	-	-	-
R143P1.2(a)	Sign No:		each		
R143P1.2(b)	Sign No:		each		
R143P1.3	Modification and Relocation of Existing Signs	-	-	-	-
R143P1.3(a)	Sign No:		each		
R143P1.3(b)	Sign No:		each		
R143P2	Supply and Installation of New Signs	-	-	-	-
R143P2.1	New Signs with Standard CHS Post Support Structure	-	-	-	-
R143P2.1(a)	Sign No:		each		
R143P2.1(b)	Sign No:		each		
R143P2.2	New Signs with Modular Sign Support Structure	-	-	-	-
R143P2.2(a)	Sign No:		each		
R143P2.2(b)	Sign No:		each		
R143P2.3	New Signs with Purpose Designed Steel Support Structure	-	-	-	-
R143P2.3(a)	Sign No:		each		
R143P2.3(b)	Sign No:		each		
<b>R143 Sub-total:</b>					
<b>R145 – PAVEMENT MARKING (PERFORMANCE BASED)</b>			<b>Ed 5/Rev 0</b>		
R145P1	Longitudinal Lines	-	-	-	-
R145P1.1	Using Any Material of Contractor's Choice		m		
R145P1.2 (a)	Using Waterborne Paint, as Specified		m		
R145P1.2 (b)	Using Non-profile Thermoplastic Material, as Specified		m		
R145P1.2 (c)	Using Two Part Cold Applied Plastic Material, as Specified		m		
R145P2	Transverse Lines and Other Markings	-	-	-	-
R145P2.1	Using Any Material of Contractor's Choice		m <sup>2</sup>		
R145P2.2 (a)	Using Waterborne Paint, as Specified		m <sup>2</sup>		
R145P2.2 (b)	Using Non-profile Thermoplastic Material, as Specified		m <sup>2</sup>		
R145P2.2 (c)	Using Two Part Cold Applied Plastic Material, as Specified		m <sup>2</sup>		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R145P3	Profile Longitudinal Pavement Markings	-	-	-	-
R145P3.1	<Type Description>		m		
R145P4	Removal of Pavement Markings		m <sup>2</sup>		
<b>R145 Sub-total:</b>					
<b>R151 – STREET LIGHTING</b>			<b>Ed 4/Rev 3</b>		
R151P1(a)	Excavation and Backfill of Conduit Trench		m <sup>3</sup>		
R151P1(b)	Supply and Lay ... mm Diameter UPVC Conduit		m		
R151P2	Cable Pits		each		
R151P3	Control Cabinets		each		
R151P4	Concrete Plinth for Lighting Column		each		
R151P5	Lighting Columns ... Metre High		each		
R151P6	Lightings and Light Fittings ... Watts		each		
R151P7	Cabling		m		
<b>R151 Sub-total:</b>					
<b>R152 – ROADSIDE EMERGENCY TELEPHONE PILLARS</b>			<b>Ed 3/Rev 2</b>		
R152P1	Supply and Lay - mm Diameter UPVC Conduit		m		
R152P2	Cable Pits		each		
R152P3	Concrete Plinth and Telephone Pillar		each		
<b>R152 Sub-total:</b>					
<b>R153 – TUNNEL AND UNDERPASS MAIN SWITCHBOARD, DISTRIBUTION BOARDS AND CONTROL PANELS</b>			<b>Ed 1/Rev 2</b>		
R153P1	Design of Main Switchboard, Distribution Boards and Control Panels	-	lump sum	-	
R153P2	Supply, Installation, Testing and Commissioning of Main Switchboard, Distribution Boards and Control Panels	-	lump sum	-	
R153P3	Spare Parts	-	provisional sum	-	<enter amount>
<b>R153 Sub-total:</b>					
<b>R154 – TUNNEL AND UNDERPASS ELECTRICAL SERVICES WORKS</b>			<b>Ed 1/Rev 2</b>		
R154P1	Design of Electrical Scheme	-	lump sum	-	
R154P2	Design and Supply of Main Switchboard and Distributions Boards and Control Panels	-	lump sum	-	
R154P3	Electrical Cabling	-	lump sum	-	
R154P4	Scheme Testing and Commissioning	-	lump sum	-	
<b>R154 Sub-total:</b>					

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
<b>R155 – DESIGN AND CONSTRUCTION OF UNDERGROUND CABLEWAYS</b>					
				Ed 1/Rev 8	
R155P1	Design of Cableway	-	lump sum	-	
R155P2	Excavation and Backfill of Cableway Trench		m <sup>3</sup>		
R155P3	Inadequate Foundation Material Under Conduits and Pit Bases (Item with provisional quantity)		m <sup>3</sup>		
R155P4	Under Road or Waterway Crossing by Trenchless Methods	-	-	-	-
R155P4.1	Under Road Crossing by Trenchless Methods	-	-	-	-
R155P4.1.1	Crossing to house 4 x 100 mm communications and 4 x 100 mm electrical conduits		m		
R155P4.1.2	Crossing to house 2 x 100 mm communications and 2 x 100 mm electrical conduits		m		
R155P4.1.3	Crossing to house 1 x 100 mm communications and 1 x 100 mm electrical conduits		m		
R155P4.2	Under Waterway Crossing by Trenchless Methods	-	-	-	-
R155P4.2.1	Crossing to house 4 x 100 mm communications and 4 x 100 mm electrical conduits		m		
R155P5	Bridge Crossings	-	-	-	-
R155P5.1	Bridge crossing using steel brackets supports attached to bridge structure		m		
R155P5.2	Cable ladder		m		
R155P6	Conduits	-	-	-	-
R155P6.1	100 mm DN white rigid HD plastic communications conduit		m		
R155P6.2	100 mm DN orange rigid HD plastic electrical conduit		m		
R155P6.3	100 mm DN galvanised steel tube		m		
R155P7	Pits	-	-	-	-
R155P7.1	Communications pit, 900 mm x 900 mm		each		
R155P7.2	Electrical pit, 600 mm x 600 mm		each		
R155P7.3	Communications pit, 450 mm x 450 mm		each		
R155P7.4	Electrical pit, 450 mm x 450 mm		each		
R155P7.5	Electrical pit, 900 mm x 900 mm		each		
R155P8	Equipment Housing	-	-	-	-
R155P8.1	Equipment housing, 1300 mm x 600 mm x 400 mm		each		
R155P9	Brass Lid Labels		each		
				<b>R155 Sub-total:</b>	

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
<b>R158 – ROAD TUNNEL AND UNDERPASS LIGHTING</b>		<b>Ed 1/Rev 4</b>			
R158P1	Design of tunnel lighting scheme and supply of luminaires	-	lump sum	-	
R158P2	Installation, testing and commissioning of tunnel lighting system Panels	-	lump sum	-	
R158P3	Spare parts	-	provisional sum	-	<enter amount>
<b>R158 Sub-total:</b>					
<b>R163 – TUNNEL VENTILATION AXIAL FANS</b>		<b>Ed 1/Rev 3</b>			
R163P1	Supply of axial fans		each		
R163P2	Routine maintenance including supply of spare parts	-	lump sum	-	
R163P3	Third Party Certifier	-	provisional sum	-	<enter amount>
R163P4	Acceptance testing at elevated temperature (Item with provisional quantity)		each		
R163P5	Attendance by Fan Manufacturer's Representative at the Site (Item with provisional quantity)		man-day		
<b>R163 Sub-total:</b>					
<b>R164 – TUNNEL JET FANS</b>		<b>Ed 1/Rev 3</b>			
R164P1	Supply of tunnel jet fans		each		
R164P2	Supply of cradles	-	-	-	-
R164P2.1	Installation cradles		each		
R164P2.2	Maintenance cradles		each		
R164P3	Routine maintenance including supply of spare parts	-	lump sum	-	
R164P4	Third Party Certifier	-	provisional sum	-	<enter amount>
R164P5	Acceptance testing at elevated temperature (Item with provisional quantity)		each		
R164P6	Attendance by Fan Manufacturer's Representative at the Site (Item with provisional quantity)		man-day		
<b>R164 Sub-total:</b>					
<b>R165 – IN-TUNNEL AIR QUALITY MONITORS</b>		<b>Ed 1/Rev 2</b>			
R165P1	Supply of air quality monitors	-	-	-	-
R165P1.1	Carbon monoxide monitors		each		
R165P1.2	Nitrogen dioxide monitors		each		
R165P1.3	Total oxides of nitrogen monitors		each		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R165P1.4	Visibility monitors		each		
R165P2	Routine maintenance including supply of spare parts	-	lump sum	-	
R165P3	Attendance by Monitor Manufacturer's Representative at the Site (Item with provisional quantity)		man-day		
<b>R165 Sub-total:</b>					
<b>R178 – VEGETATION</b>		<b>Ed 5/Rev 5</b>			
R178P1	Spraying Weeds with Herbicide		m <sup>2</sup>		
R178P2	Topsoiling Using Site Material Including Surface Preparation and Screening and Testing of Topsoil Stockpiles	-	-	-	-
R178P2.1	Areas with a slope of 5 to 1 or flatter		m <sup>2</sup>		
R178P2.2	Areas steeper than 5 to 1 except stepped batters.		m <sup>2</sup>		
R178P2.3	Stepped Batters		m <sup>2</sup>		
R178P3	Topsoiling Using Imported Material Including Surface Preparation	-	-	-	-
R178P3.1	Areas with a slope of 5 to 1 or flatter.		m <sup>2</sup>		
R178P3.2	Areas steeper than 5 to 1 except stepped batters.		m <sup>2</sup>		
R178P3.3	Stepped Batters		m <sup>2</sup>		
R178P4	Dry Sowing		m <sup>2</sup>		
R178P5	Hand Sowing		m <sup>2</sup>		
R178P6	Preparation of Surface for Areas Not Requiring Topsoiling		m <sup>2</sup>		
R178P7	Hydroseeding		m <sup>2</sup>		
R178P8	Hydromulching		m <sup>2</sup>		
R178P9	Straw mulching		m <sup>2</sup>		
R178P10	Supply and Erection of Information Signs		each		
R178P11	Topsoiling Open Drains Using Site Material Including Surface Preparation and Screening of Topsoil Stockpiles		m <sup>2</sup>		
R178P12	Topsoiling Open Drains Using Imported Material Including Surface Preparation		m <sup>2</sup>		
R178P13	Hydroseeding of Open Drains		m <sup>2</sup>		
R178P14	Hydromulching of Open Drains		m <sup>2</sup>		
R178P15	Sowing Open Drains by Hand		m <sup>2</sup>		
R178P16	Spray Open Drains with Bitumen Emulsion		m <sup>2</sup>		
R178P17	Lining Open Drains with Organic Fibre Mat		m <sup>2</sup>		
R178P18	Turfing	-	-	-	-
R178P18.1	Areas other than Open Drains		m <sup>2</sup>		
R178P18.2	Open Drain Areas		m <sup>2</sup>		

Name of Tenderer: .....



Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R178P19	Watering (Item with provisional quantity)		kilolitre		
R178P20	Recultivating and Resowing		m <sup>2</sup>		
R178P21	Mowing		m		
				<b>R178 Sub-total:</b>	
<b>R179 – LANDSCAPE PLANTING</b>			<b>Ed 1/Rev 4</b>		
R179P1	Preparation for Mulched Beds		m <sup>2</sup>		
R179P2	Weed Control – Herbicide Application		m <sup>2</sup>		
R179P3	Imported Organic Topsoil		m <sup>2</sup>		
R179P4	Organic Mulch	-	-	-	-
R179P4.1	Imported Organic Mulch		m <sup>2</sup>		
R179P4.2	Site Won Organic Mulch		m <sup>2</sup>		
R179P5	Weed Mat		m <sup>2</sup>		
R179P6	Trees and Shrubs	-	-	-	-
R179P6.1	Trees and Shrubs - Mass Planting	-	-	-	-
R179P6.1(a)	Principal supplied plants		each		
R179P6.1(b)	Contractor supplied plants		each		
R179P6.2	Trees and Shrubs – Individual Planting	-	-	-	-
R179P6.2(a)	Principal supplied plants		each		
R179P6.2(b)	Contractor supplied plants		each		
R179P7	Edging	-	-	-	-
R179P7.1	Concrete Edging		m		
R179P7.2	Timber Edging		m		
R179P8	Turf Underlay		m <sup>2</sup>		
R179P9	Turfing for Lawn Areas along Medians and Roadsides		m <sup>2</sup>		
R179P10	Landscape Planting Maintenance		month		
R179P11	Pruning and/or Removal of Dead Plants (Item with provisional quantity)		hour		
R179P12	Mowing (Item with provisional quantity)		m <sup>2</sup>		
R179P13	Organic Mulch Reinstatement (Item with provisional quantity)		m <sup>2</sup>		
R179P14	Replacement Works (Item with provisional quantity)	-	-	-	-
R179P14.1	Plant Replacement (Item with provisional quantity)		each		
R179P14.2	Turf Replacement (Item with provisional quantity)		m <sup>2</sup>		
R179P15	Disease and Insect Control (Item with provisional quantity)		hour		
R179P16	Fertilising (Item with provisional quantity)		hour		

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R179P17	Watering	-	-	-	-
R179P17.1	Watering – within first 12 weeks of Post-completion Maintenance Period		each		
R179P17.2	Watering – after first 12 weeks of Post-completion Maintenance Period (Item with provisional quantity)		each		
<b>R179 Sub-total:</b>					
<b>R201 – FENCING</b>			<b>Ed 5/Rev 1</b>		
R201P1	Rural Boundary Fencing – Wire Fence		m		
R201P2	Rural Boundary Fencing – Cattle-proof Fence		m		
R201P3	Rural Boundary Fencing – Rabbit-proof Fence – Netting on Ground		m		
R201P4	Rural Boundary Fencing – Rabbit-proof Fence – Buried Netting		m		
R201P5	Rural Boundary Fencing – Horse Protector Fence		m		
R201P6	Temporary Rural Fencing		m		
R201P7	Urban Boundary Fencing		m		
R201P8	Security Fencing		m		
R201P9	Pedestrian Fencing		m		
R201P10	Rock Fall Fencing		m		
R201P11	Electric Fencing Wires		m		
R201P12	Excavation and Backfill for Fence Posts in Rock		m <sup>3</sup>		
R201P13	Removal of Existing Fencing		m		
R201P14	Rural Fencing Gates		each		
R201P15	Security Fencing Gates		each		
R201P16	Urban Fencing Gates		each		
R201P17	Flood Gates – Small Watercourse		each		
R201P18	Flood Gates – Gully and Creek		each		
R201P19	Stock Grids		each		
R201P20	Stockraces		each		
<b>R201 Sub-total:</b>					
<b>R204 – PROPERTY ADJUSTMENTS</b>			<b>Ed 2/Rev 2</b>		
R204P1	Property Adjustments	-	-	-	-
R204P1.1	Address	-	lump sum	-	-
<b>R204 Sub-total:</b>					
<b>R223 – Dry Deep Soil Mixing</b>			<b>Ed 1/Rev 1</b>		
R223P1	Preliminary Testing	-	-	-	-

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R223P1.1	Site Investigation to Determine Soil Properties <Test Area Description> <Test Area Description>	-	- each each	-	-
R223P1.2	Testing of Laboratory Mixes <Test Area Description> <Test Area Description>	-	- each each	-	-
R223P2	Construction of Columns	-	-	-	-
R223P2.1	Construction of Trial Columns		m		
R223P2.2	Construction of Production Columns		m		
R223P3	Coring of Columns and Testing of Core Samples	-	-	-	-
R223P3.1	Coring of Columns		m		
R223P3.2	Testing of Core Samples		each		
R223P4	Column Pull Out/Push In Resistance Test (PORT/PIRT)	-	-	-	-
R223P4.1	Column Pull Out Resistance Test (PORT)		each		
R223P4.2	Column Push In Resistance Test (PIRT) (Item with provisional quantity)		each		
R223P5	Exposure and Inspection of Column Head		each		
<b>R223 Sub-total:</b>					
<b>R225 – Concrete Injected Columns</b>			<b>Ed 1/Rev 1</b>		
R225P1	Determination of Exposure Classification		each		
R225P2	Drilling and Concreting of Columns		m		
R225P3	Pre-boring of Columns (Item with provisional quantity)		m		
R225P4	Supply and Placement of Reinforcement		t		
R225P5	Coring of Columns and Testing of Core Samples	-	-	-	-
R225P5.1	Coring of Columns		m		
R225P5.2	Testing of Core Samples		each		
R225P6	Integrity Testing of Column		each		
R225P7	Inspection of Cracked Columns		each		
R225P8	High Strain Dynamic/Static Load Testing of Columns (Item with provisional quantity)	-	-	-	-
R225P8.1	Site Establishment		each		
R225P8.2	Load Testing		each		
R225P9	Design of Load Transfer Platform	-	Lump sum	-	
<b>R225 Sub-total:</b>					
<b>R271 – DESIGN AND CONSTRUCTION OF NOISE WALLS</b>			<b>Ed 2/Rev 7</b>		
R271P1	Design of Noise Wall	-	lump sum	-	

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
R271P2	Preparation of Samples	-	lump sum	-	
R271P3	Testing of Noise Wall Prototypes or Samples	-	lump sum	-	
R271P4	Supply of Components		m <sup>2</sup>		
R271P5	Preparation of Foundation	-	lump sum	-	
R271P6	Footings		m		
R271P7	Erection of Noise Wall		m <sup>2</sup>		
R271P8	Testing of Noise Wall	-	lump sum	-	
R271P9	Painting and Anti-graffiti Treatment of Noise Wall	-	-	-	-
R271P9.1	Painting		m <sup>2</sup>		
R271P9.2	Anti-graffiti Treatment		m <sup>2</sup>		
<b>R271 Sub-total:</b>					
<b>R272 – AUTOMATIC WEATHER STATIONS</b>			<b>Ed 1/Rev 2</b>		
R272P1	Supply, Installation and Commissioning of Automatic Weather Stations (AWS)	-	-	-	-
R272P1.1	Full AWS		each		
R272P1.2	Rain Gauge Only AWS		each		
R272P2	Operation and Maintenance of Automatic Weather Stations (AWS) Installed	-	-	-	-
R272P2.1	Full AWS		AWS month		
R272P2.1	Rain Gauge Only AWS		AWS month		
R272P3	Decommissioning of Automatic Weather Station	-	-		
R272P3.1	Full AWS		each		
R272P3.2	Rain Gauge Only AWS		each		
R272P4	Access to All Automatic Weather Station (AWS) (Item with provisional quantity)		km		
<b>R272 Sub-total:</b>					
<b>TS020 – ITS COMMUNICATIONS SYSTEMS</b>			<b>Ed 1/Rev 2</b>		
TS020P1	ITS Communications System Installation and Commissioning	-	-	-	-
TS020P1.1	<System Description>	-	lump sum	-	-
TS020P2	Documentation	-	-	-	-
TS020P2.1	<Site Description>	-	lump sum	-	-
<b>TS020 Sub-total:</b>					
<b>TS101 – TRAFFIC SIGNALS – NEW INSTALLATION AND RECONSTRUCTION</b>			<b>Ed 2/Rev 3</b>		
TS101P1	Traffic Control Signals Works	-	lump sum	-	

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
TS101P2	Steel Plate Protection (Item with provisional quantity)		m <sup>2</sup>		
<b>TS101 Sub-total:</b>					
<b>TS104 – ITS VEHICLE DETECTION SITE</b>		<b>Ed 1/Rev 2</b>			
TS104P1	Cabling	-	-	-	-
TS104P1.1	<Site Description>	-	lump sum	-	-
TS104P2	VDS Installation and Commissioning	-	-	-	-
TS104P2.1	<Site Description>	-	lump sum	-	-
TS104P3	VDS Completion Documentation	-	-	-	-
TS104P3.1	<Site Description>	-	lump sum	-	-
<b>TS104 Sub-total:</b>					
<b>TS105 – ITS ELECTRONIC MESSAGE SIGN SITE</b>		<b>Ed 2/Rev 2</b>			
TS105P1	Infrastructure, Cabling and Equipment Installation	-	lump sum	-	-
TS105P2	EMS Testing and Commissioning	-	lump sum	-	-
TS105P3	EMS Completion Documentation	-	-	-	-
TS105P3.1	<Site Description>	-	lump sum	-	-
<b>TS105 Sub-total:</b>					
<b>TS106 – ITS VIDEO SURVEILLANCE CAMERA SITE</b>		<b>Ed 1/Rev 3</b>			
TS106P1	Conduits and Cabling	-	-	-	-
TS106P1.1	<Site Description>	-	lump sum	-	-
TS106P2	VSC Installation and Commissioning	-	-	-	-
TS106P2.1	<Site Description>	-	lump sum	-	-
TS106P3	VSC Completion Documentation	-	-	-	-
TS106P3.1	<Site Description>	-	lump sum	-	-
<b>TS106 Sub-total:</b>					
<b>TS107 – ITS EMERGENCY TELEPHONE SITE</b>		<b>Ed 1/Rev 2</b>			
TS107P1	Cabling	-	-	-	-
TS107P1.1	<Site Description>	-	lump sum	-	-
TS107P2	Emergency Telephone Installation and Commissioning	-	-	-	-
TS107P2.1	<Site Description>	-	lump sum	-	-
TS107P3	Emergency Telephone Completion Documentation	-	-	-	-
TS107P3.1	<Site Description>	-	lump sum	-	-
<b>TS107 Sub-total:</b>					

Name of Tenderer: .....

Pay Item	Description of Work	Quantity	Unit	Rate	Amount
	<b>TOTAL AMOUNT (Excluding GST)</b>			\$	
	<b>Add GST</b>			\$	
	<b>TOTAL FOR SCHEDULE OF RATES</b>			\$	

Name of Tenderer: .....

# Schedule of Prices

**Contract Name:**

**Contract no:**

The quantities shown in the Schedule of Estimated Quantities are estimated quantities only and are not guaranteed to be the actual or correct quantities of work to be carried out.

In preparing its Schedule of Prices, the Tenderer must:

- include all items for which the Principal has suggested a provisional quantity in the Schedule of Estimated Quantities
- use the provisional quantities (if any) suggested by the Principal in the Schedule of Estimated Quantities
- only include items which form part of the Works described in the Tender Documents
- rates for individual pay items must exclude GST. GST must be added after the extended pay items are totalled

Item no	Description of Work	Quantity	Unit	Rate	Amount
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**TOTAL AMOUNT (Excluding GST)** \_\_\_\_\_

**Add GST** \_\_\_\_\_

**TOTAL FOR SCHEDULE OF PRICES** \_\_\_\_\_

Name of Tenderer: .....